



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 433.92MHz SMD 5X5mm

TST Parts No.: TB433ED

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Jacky Huang

Approval by: Vincent Lee

Date: _____



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SAW Filter 433.92 MHz

MODEL NO.: TB433ED

REV. NO.:4

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 12 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

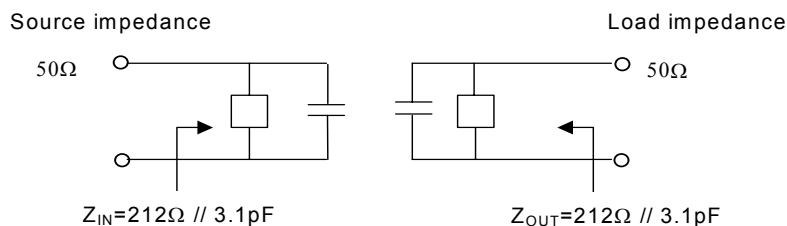
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

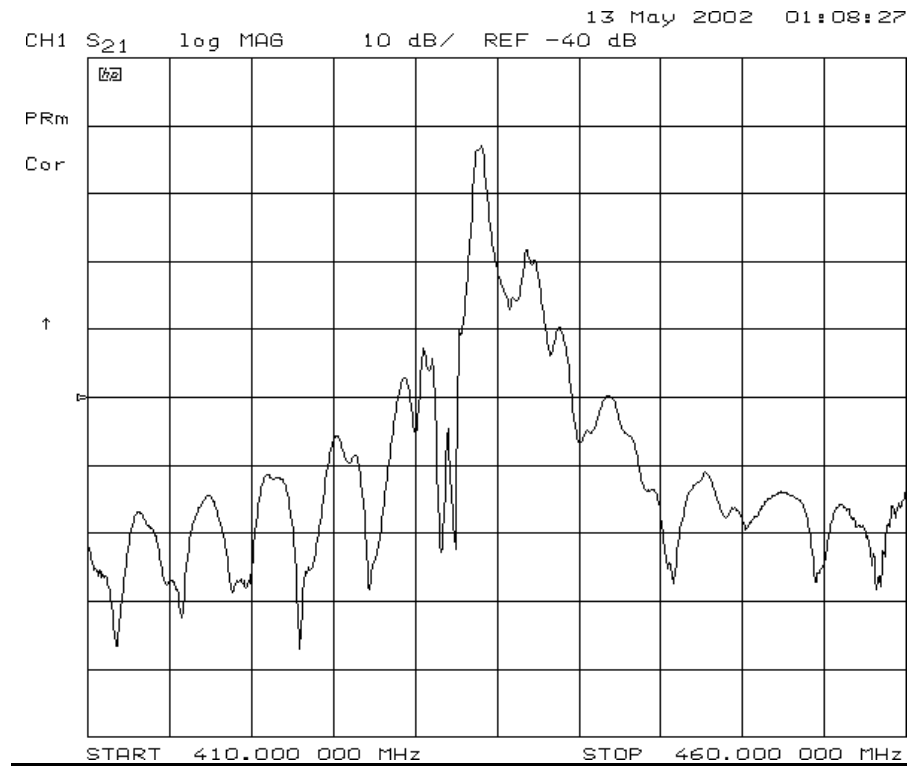
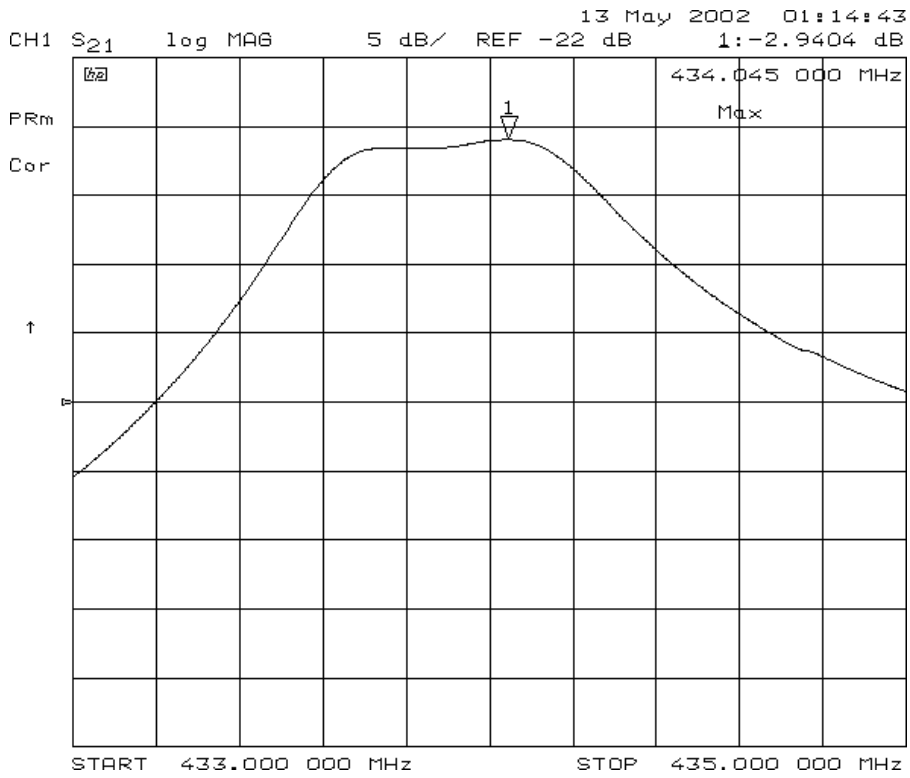
Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	433.8	433.92	434.12	1
Minimum I.L. (433.8~434.12 MHz) (dB) IL_{min}	-	3.0	5.0	
Pass band (relative to IL_{min})				
433.76~434.08 MHz (dB)	-	-	2.0	1
433.74~434.10 MHz (dB)	-	-	3.0	
433.68~434.16 MHz (dB)	-	-	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	500	650	750	
Attenuation:(relative to IL_{min}) (dB)				
414~428 MHz (dB)	40	43	-	1
428~432.84 MHz (dB)	15	26	-	
434.92~442 MHz (dB)	10	16	-	
442~550 MHz (dB)	33	38	-	
Impedance at F_c ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$	212Ω // 3.1 pF 212Ω // 3.1 pF			2
Turnover To (deg.C)	25 typ.			

Note1. The standard definitions is in JIS C 6703

Note2.

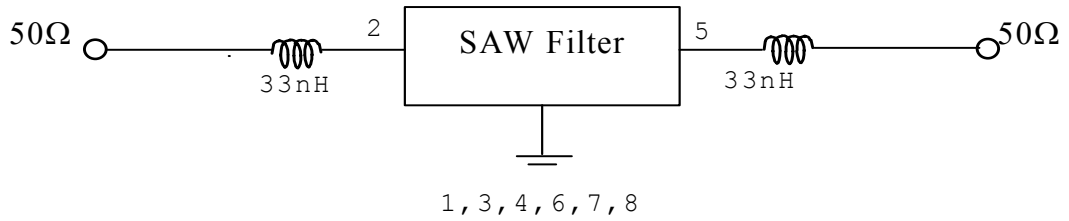


C.FREQUENCY CHARACTERISTICS:

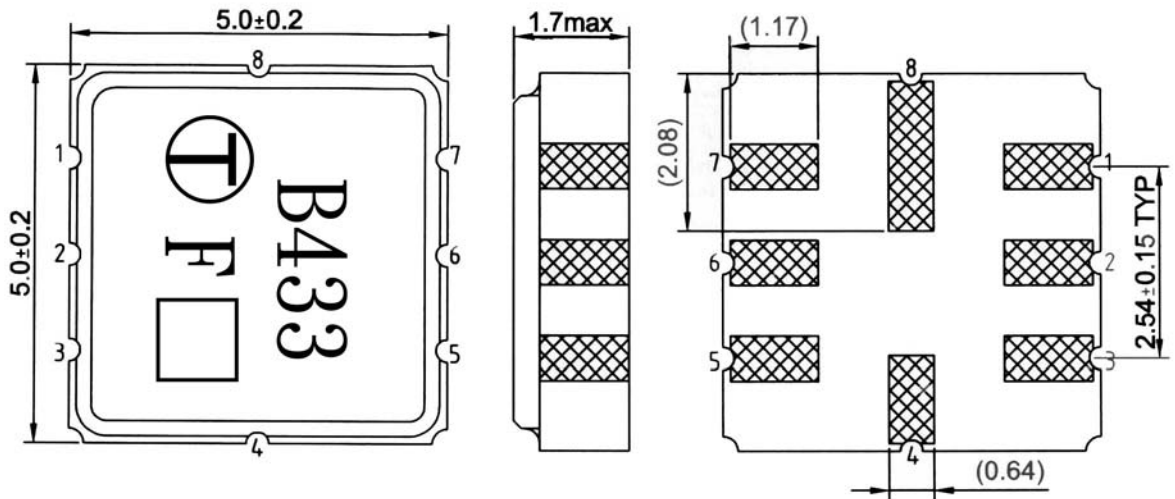


D. MEASUREMENT CIRCUIT:

HP Network analyzer



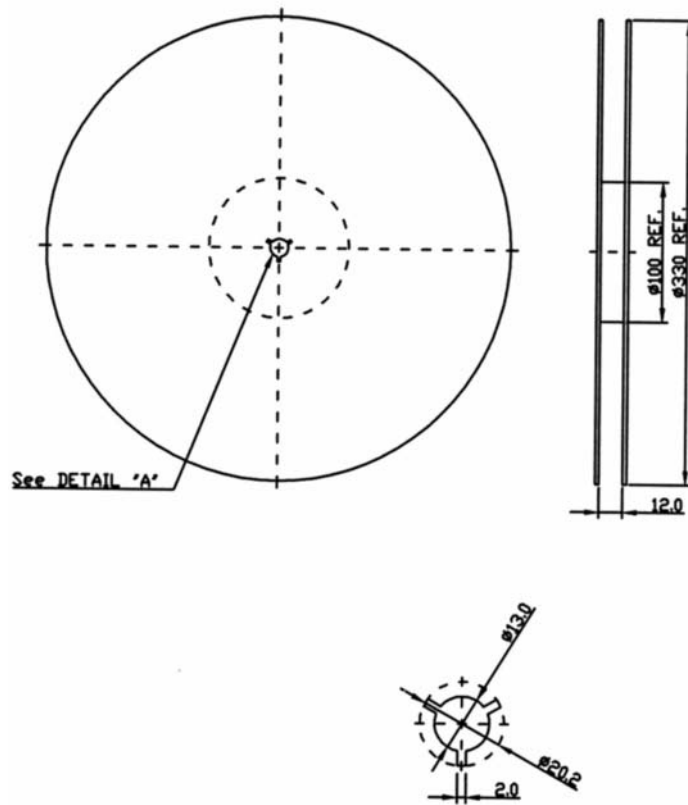
E. OUTLINE DRAWING:



- #1 : Input Ground
 - #2 : Input
 - #5 : Output
 - #6 : Output Ground
 - #4、8 : Case Ground
 - #3、7 : to be ground
 - : Date code
- Unit : mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

